

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ant(s): Factor et al.

Serial No.: 10/721,156

Filed: 11/25/2003

Title: MIXED METAL CATALYST

ADDITIVE AND METHOD FOR

USE IN

HYDROCARBONACEOUS FUEL

COMBUSTION

Attorney Docket No.: NM 7615

Commissioner for Patents P.O. Box 1450 Arlington, VA

Group Art Unit: 1714

Examiner: Cephia D. Toomer

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This information disclosure statement is being submitted after the submission of an RCE and before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Applicant submits herewith a Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The Commissioner is hereby authorized to charge any deficiencies in payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2127.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA, or the correspondence is being facsimile transmitted to the USPTO, on the date indicated below.

Date of Deposit: January 31, 2007

Typed Name: John H. Thomas

Signature:

Respectfully submitted,

John H. Thomas

Atterney/Agent for Applicant(s)

Reg. No. 33,460

Date: January 31, 2007

Telephone No.: 804 344 8130

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031\*
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no seesons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTC FER 0 1 2007

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPEL ANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known			
Application Number	10/721,156		
Filing Date	11/25/2003		
First Named Inventor	Factor et al.		
Group Art Unit	1714		
Examiner Name	Cephia D. Toomer		
Attorney Docket Number	NM7615		

U.S. PATENT DOCUMENTS						
Examiner Cite No.1		U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages Columns Lines Where Belower
	Number	Kind Code <sup>2</sup> (if known)	of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
		ļ				
	-	-				
	-					
	·	<del>                                     </del>				
					<del>_</del>	
					- ··-	
_						
_						
		1				

FOREIGN PATENT DOCUMENTS								
	a	Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines,	
	Cite No. <sup>1</sup>	Office <sup>3</sup>		Kind Code <sup>5</sup> (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	<b>T</b> 6
			2002-540286	JP	Kohyo	11/26/2002		
			2248068	DE	Scholz	4/19/1973		
							-	

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/721,156 **INFORMATION DISCLOSURE** 11/25/2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Factor et al. Group Art Unit 1714 (use as many sheets as necessary) **Examiner Name** Cephia D. Toomer Sheet of Attorney Docket Number NM 7615

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Cite Initials * No. Include name of the author (in CAPITAL LETTERS), title of the article (when approximation of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(number(s), publisher, city and/or country where published.			T ²	
		Translation of Japanese Notice of Reasons for Rejection; 2 pages; Date drafted 10/27/2006; Date of Dispatch 11/7/2006.		
		United Kingdom Patent Specification; 490,064; Application Date 2/17/1937; 3 pages.		
		:		

Examiner Signature	Date Considered	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.